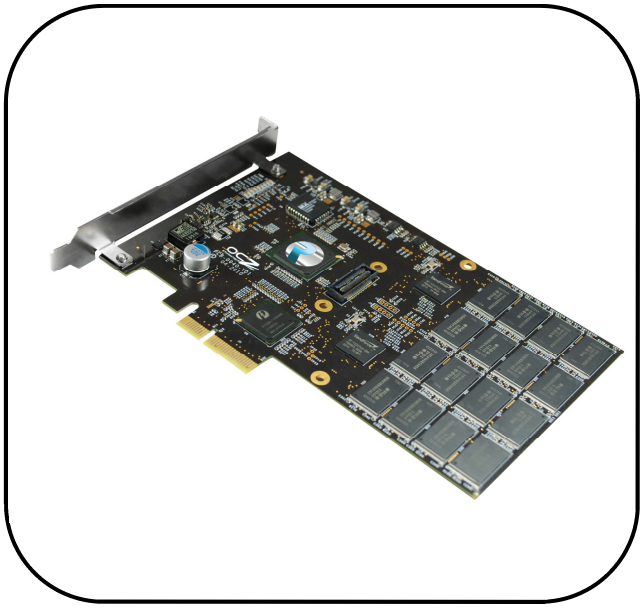
OCZ RevoDrive Series PCI-Express x4 SSD

Design and Technology:

PCIe Solid State Drive for High Performance consumer applications

The OCZ RevoDrive makes fast, faster with an innovative performance design that pushes the envelope in solid state technology and leaves hard drives in the dust. Moving beyond the bottleneck of SATA2 the RevoDrive features a PCIe interface to deliver superior performance. Designed for high-performance gaming PCs and workstations, the RevoDrive dominates thanks to the unique capability to run both Windows and your essential applications and games. With speeds up to 540MBps and 75,000 IOPS, this bootable PCI-Express SSD not only provides a more responsive PC experience, but promotes cooler, quieter, and more energy efficient conditions compared to traditional mechanical hard drives. The RevoDrive can accommodate a wide range of computing environments such as video-editing and other multi-media creation and management, all while providing the superior durability and reliability of SSDs.



Applications:

- Workstation PCs
- Desktop PCs

Physical Specifications	
Capacity:	120 GB, 240 GB
NAND Flash Components:	Multi-Level Cell (MLC) NAND Flash Memory
Interface:	PCI-Express Gen. 1
Form Factor:	PCI-Express x4 slot
Physical Dimensions:	181.07 (L) x 21.59 (W) x 125.08mm(H)

Reliability Specifications	
Life Expectancy:	2 million hours Mean Time between Failure (MTBF)
Reliability:	ECC: 27 bytes of redundancy per 512 bytes data. Up to twelve 9-bit symbols correctable

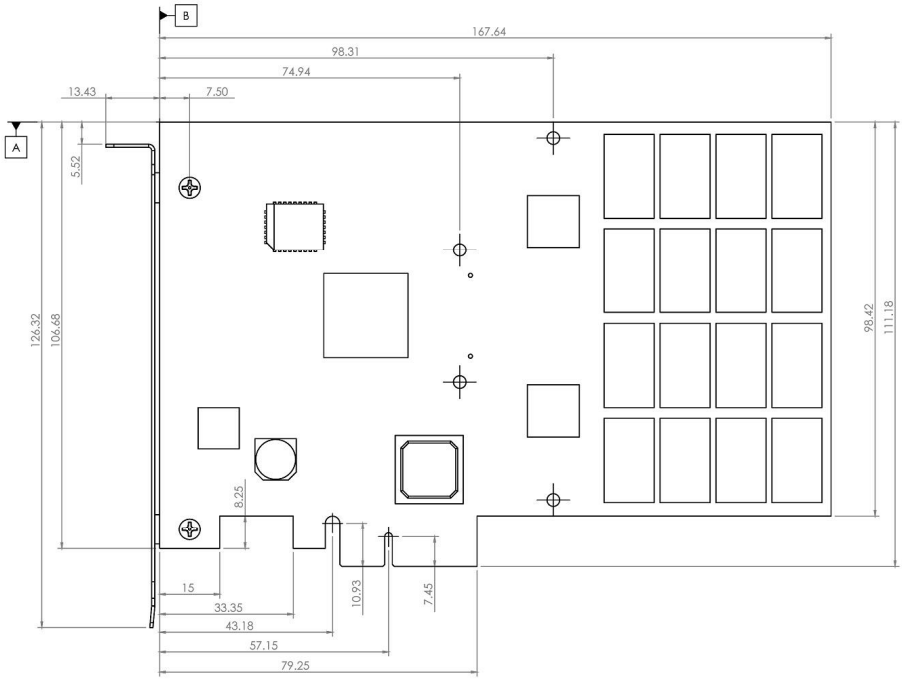
Environmental Specifications	
Operating Temperature:	0℃ ~ +70℃
Storage Temperature:	-45℃ ~ +85℃
Shock Resistance:	1500G
Certifications:	RoHS, CE, FCC

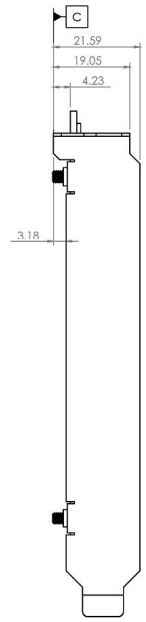
Performance Specifications	
Max Read:	up to 540 MB/s
Max Write:	up to 480 MB/s
Sustained Write:	up to 400 MB/s
4KB Random Write (Aligned):	75,000 IOPS
Seek Time:	0.1 ms
Power Consumption:	Idle: 3 Watts Active: 8 Watts

Compatibility	
PCI Express:	Fully compliant with the PCIe Electrome-chanical Specification Rev. 1.1, and with the PCI-Express Base Specification Rev. 1.1
OS Compatibility: (Bootable)	Windows XP 32 Bit; Windows XP 64 Bit; Windows Vista 32 Bit; Windows Vista 64 Bit; Windows 7 32 Bit; Windows 7 64 Bit; Linux
Power Requirements:	Powered by the PCI-Express x4 Bus

Part Number	UPC
OCZSSDPX-1RVD0120	842024018377
OCZSSDPX-1RVD0240	842024018384

Mechanical Specifications





NOTE:

1. THIS DRAWING MUST BE USED TO IDENTIFY CRITICAL DIMENSIONS, TOLERANCES AND REFERENCE.
2. INTERPRET DIMENSION AND TOLERANCE PER ANSI 14.5M-1994
3. UNLESS OTHERWISE SEPCIFIED: DIMENSIONS ARE IN MILLIMETERS